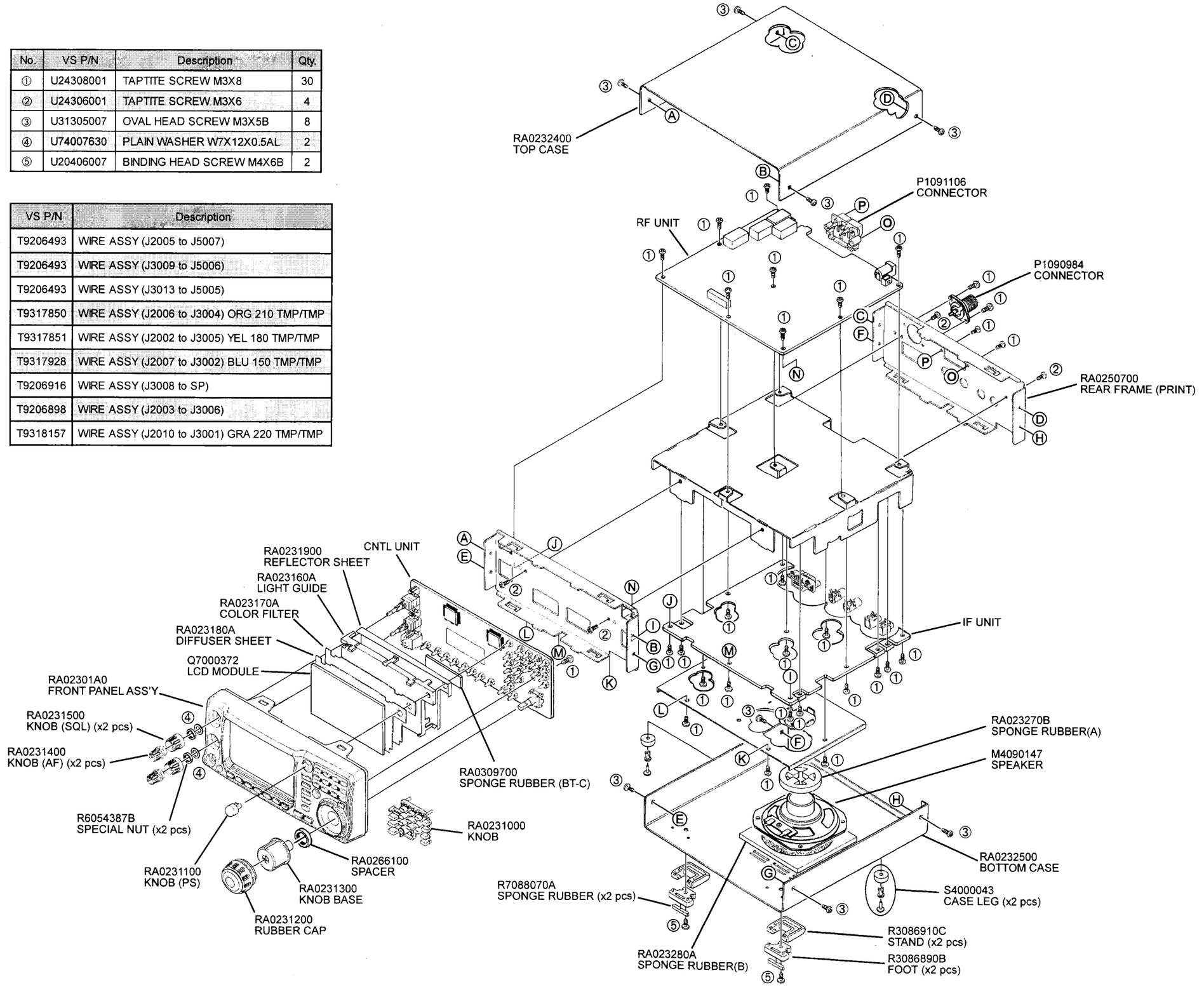
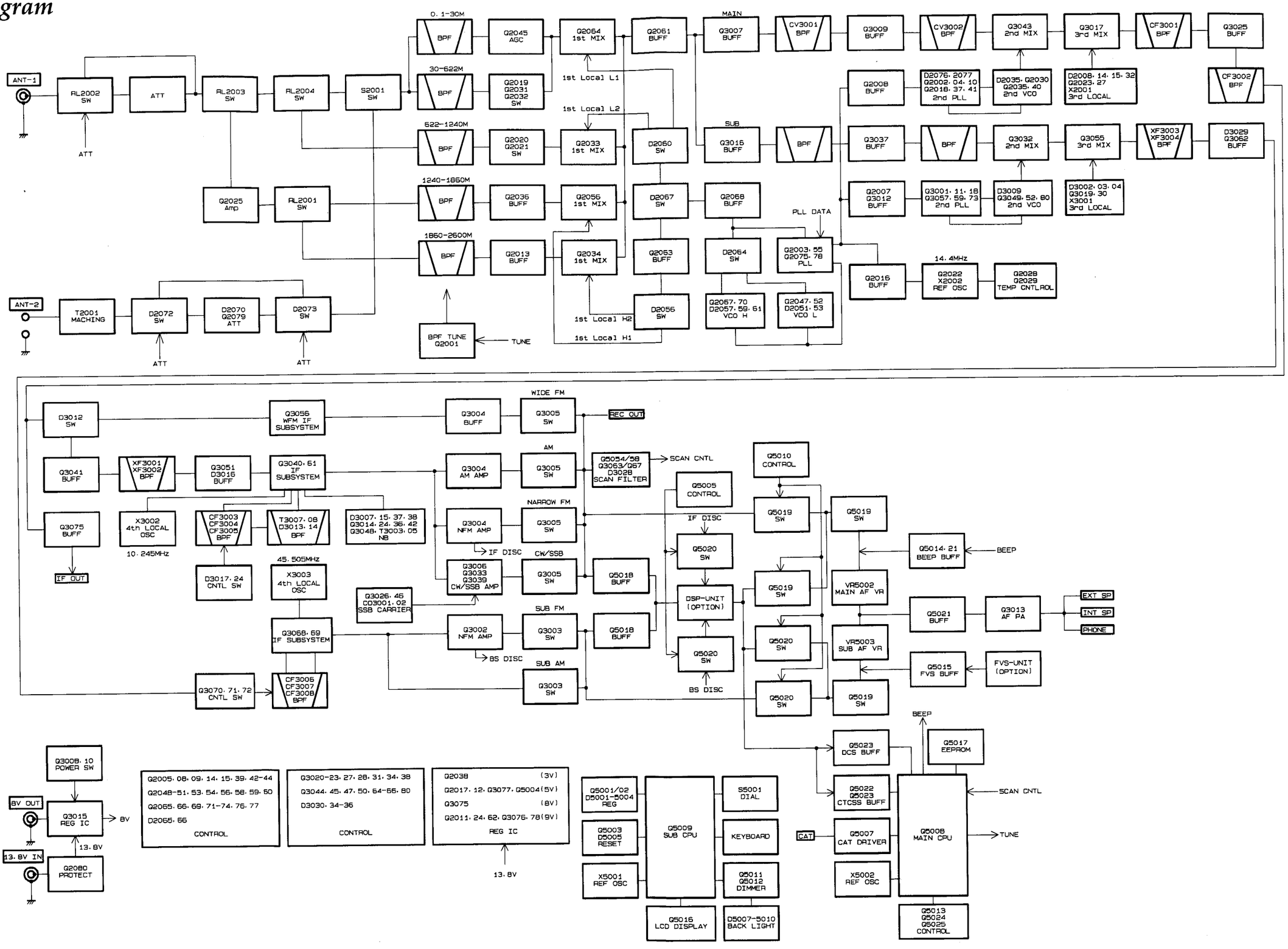
No.	VS P/N	Description	Qty.
①	U24308001	TAPTITE SCREW M3X8	30
②	U24306001	TAPTITE SCREW M3X6	4
③	U31305007	OVAL HEAD SCREW M3X5B	8
④	U74007630	PLAIN WASHER W7X12X0.5AL	2
⑤	U20406007	BINDING HEAD SCREW M4X6B	2

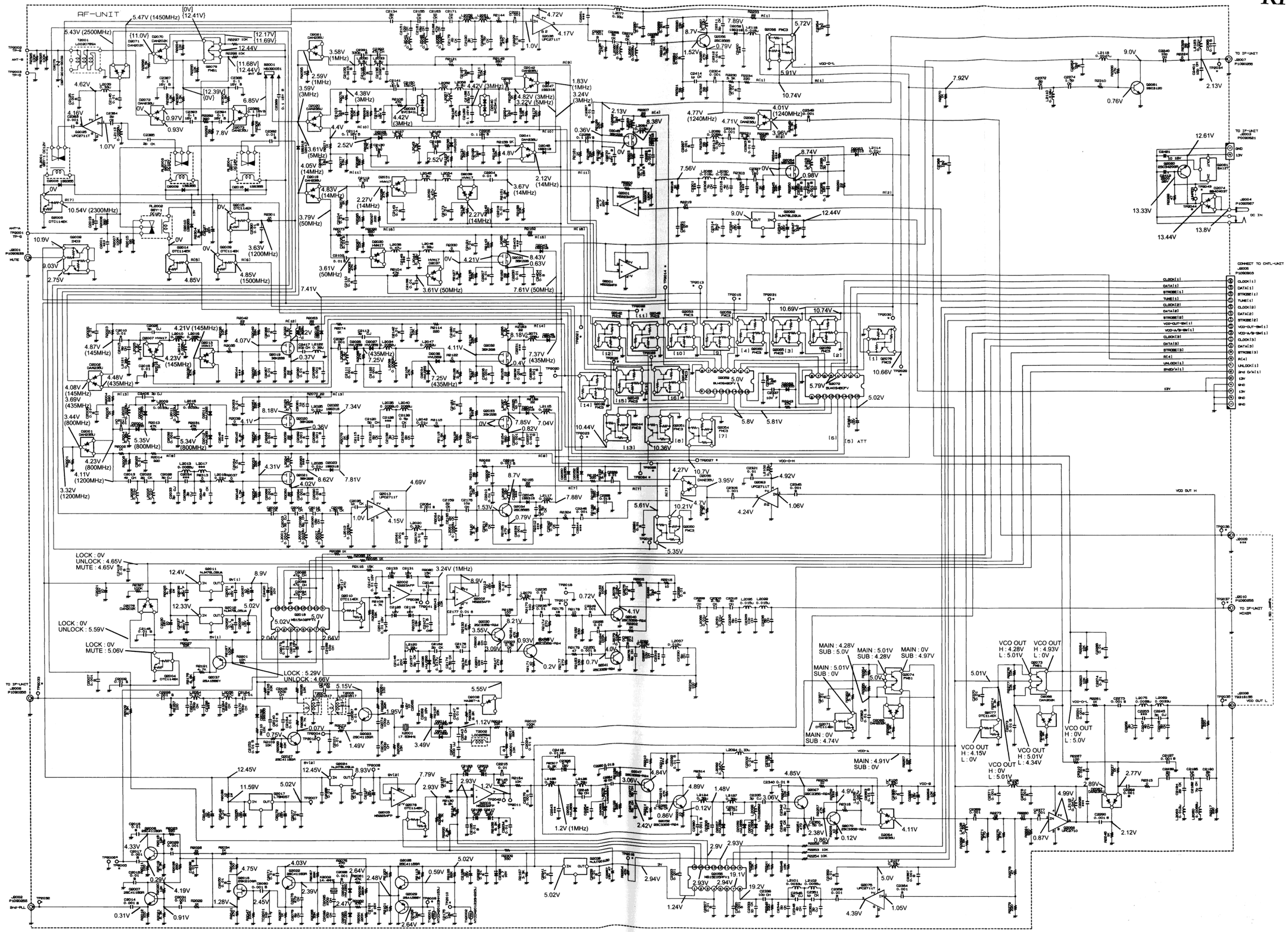
VS P/N	Description
T9206493	WIRE ASSY (J2005 to J5007)
T9206493	WIRE ASSY (J3009 to J5006)
T9206493	WIRE ASSY (J3013 to J5005)
T9317850	WIRE ASSY (J2006 to J3004) ORG 210 TMP/TMP
T9317851	WIRE ASSY (J2002 to J3005) YEL 180 TMP/TMP
T9317928	WIRE ASSY (J2007 to J3002) BLU 150 TMP/TMP
T9206916	WIRE ASSY (J3008 to SP)
T9206898	WIRE ASSY (J2003 to J3006)
T9318157	WIRE ASSY (J2010 to J3001) GRA 220 TMP/TMP

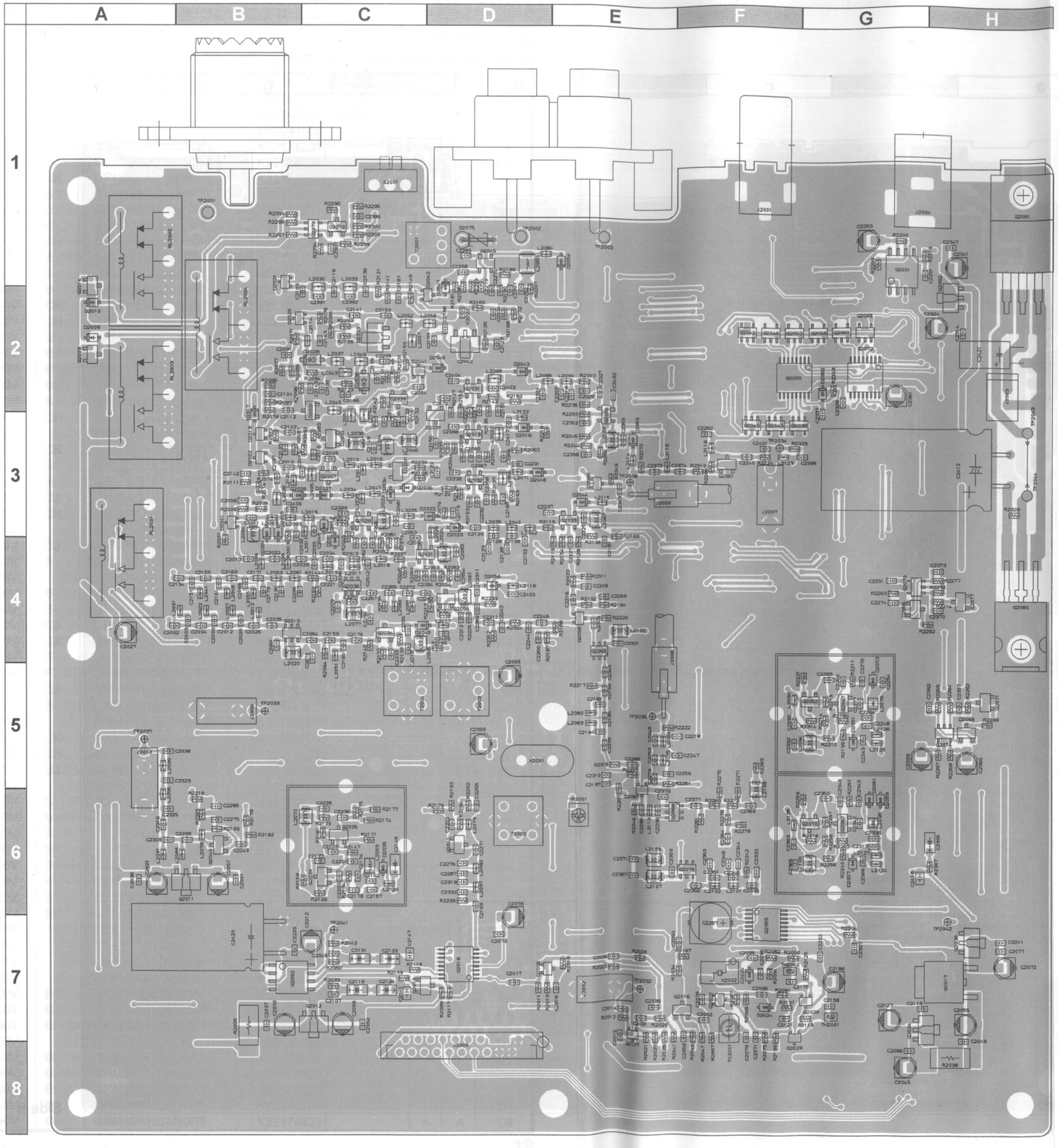


Block Diagram



Circuit Diagram





Side A

Cathode 1,2

Anode 1 Anode 2

DAN235U TL (M)
(D2001, 2002, 2019, 2020, 2021, 2041, 2042, 2056, 2060, 2067)

DAN202K T146 (N)
(D2065, 2066, 2070)

HVM17-TR
(D2007, 2013, 2030, 2031, 2037, 2039)

Anode Anode
Cathode

SVC341L-TD
(D2033, 2040)

Source

Drain Gate

2SK210GR (YG)
(Q2016)

Gate 2 Gate1

Drain Source

3SK228XR (XR-)
(Q2019, 2020, 2021, 2031, 2032, 2033, 2045, 2064)

Collector

Base Emitter

2SC4116GR (LG)
(Q2006, 2007, 2022, 2028)

2SC3356 (R24)
(Q2030, 2035, 2040, 2041, 2047, 2052, 2067, 2070)

2SC3585 (R42)
(Q2034, 2056)

2SC3120 (HB)
(Q2061)

Pin 4

Pin 3 Pin 5

10k 10k 10k 10k

Pin 2 Pin 1

FMC3 (C3)
(Q2039, 2042, 2043, 2048, 2049, 2053, 2058, 2060, 2065)

Emitter Common

Base 1 Base 2

Collector 1 Collector 2

FMS1 (S1)
(Q2073, 2074, 2079)

Collector

10k 10k

Base Emitter

DTC114EK (24)
(Q2009, 2010, 2014, 2071, 2077)

Collector

Base Emitter

2SA1586Y (SY)
(Q2029)

GND Output

Input

NJU7201U30(TE1)
(Q2038)

Base

Collector

Emitter

2SC3420GR
(Q2080)

8H

OUT IN

Common

NJM78L09UA (8H)
(Q2011, 2062, 2024)

GND

IN GND

C1F

VCC OUT

GND

UPC2710T-E3
(Q2068)

8C

OUT IN

Common

NJM78L05UA (8C)
(Q2012)

Input GND GND

C1G

Vcc GND Output

UPC2711T-E3 (C1G)
(Q 2013, 2036, 2063, 2075)

Output

GND

Input

BA12T
(Q2081)

Pin 16

Pin 8

Pin 1

MB15E05PFV1-G-BND-EF
(Q2055)

Output

Common

Input

L78M05T-TL
(Q2017)

Pin 8

Pin 4

Pin 1

M5223AFP 600C
(Q2001, 2002)

Pin 16

Pin 8

Pin 1

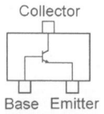
MB15A02PFV1
(Q2018)

Pin 14

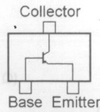
Pin 7

Pin 1

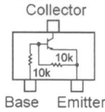
BU4094BCFV-E1
(Q2059, 2072)



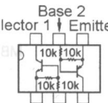
2SC4116GR (LG)
(Q2023, 027)



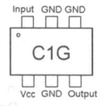
2SA1586Y (SY)
(Q2037)



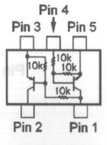
DTC114EK (24)
(Q2004, 2005, 2015, 2078)



IMD3 (D3)
(Q2008)



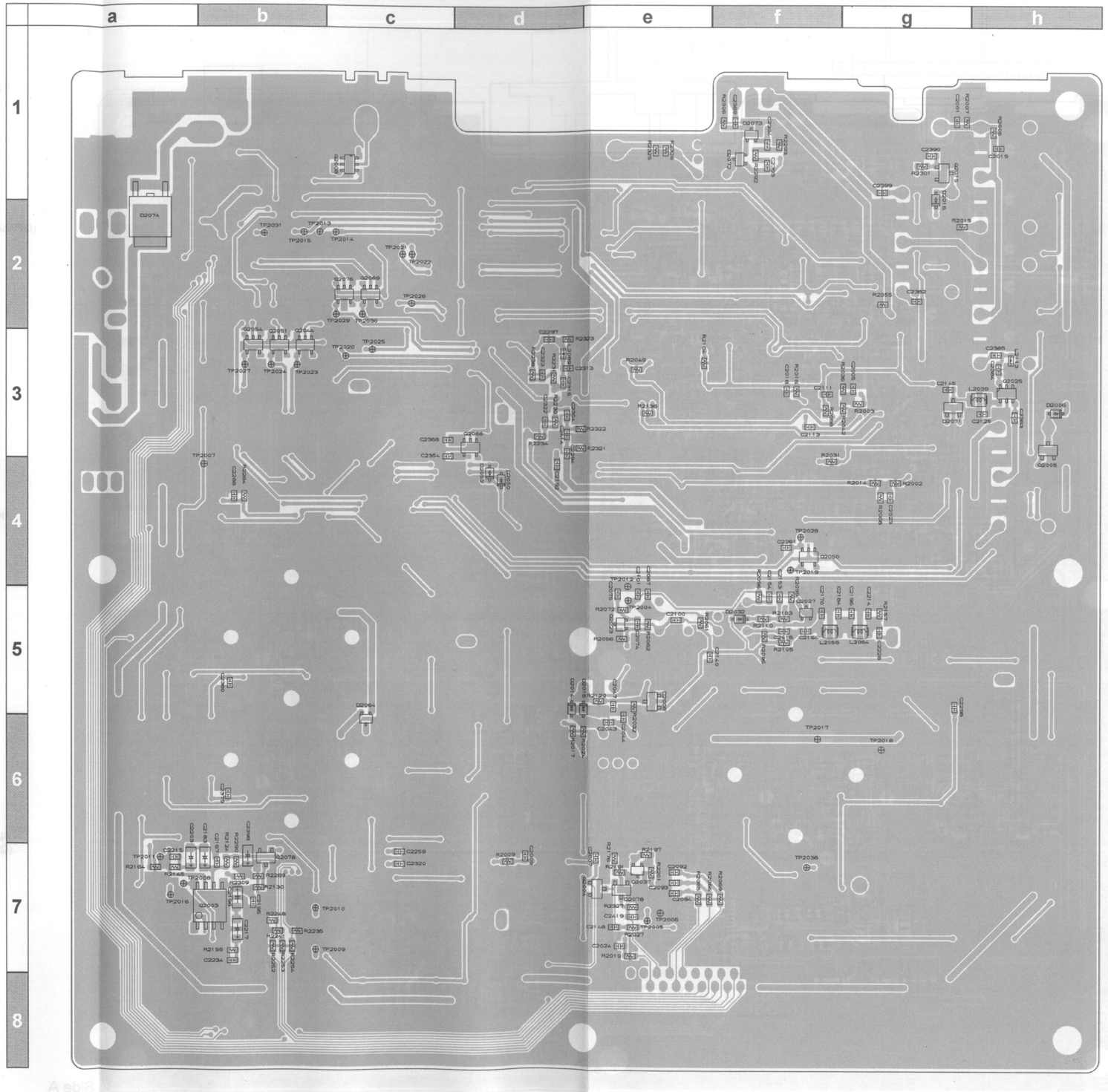
UPC2711T-E3 (C1G)
(Q2025)



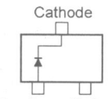
FMC3 (C3)
(Q2044, 2050, 2051, 2054, 2066, 2069, 2076)



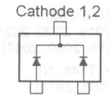
M5223AFP 600C
(Q2003)



Side B

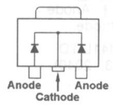


MA28T-A (TX)
(D2008)

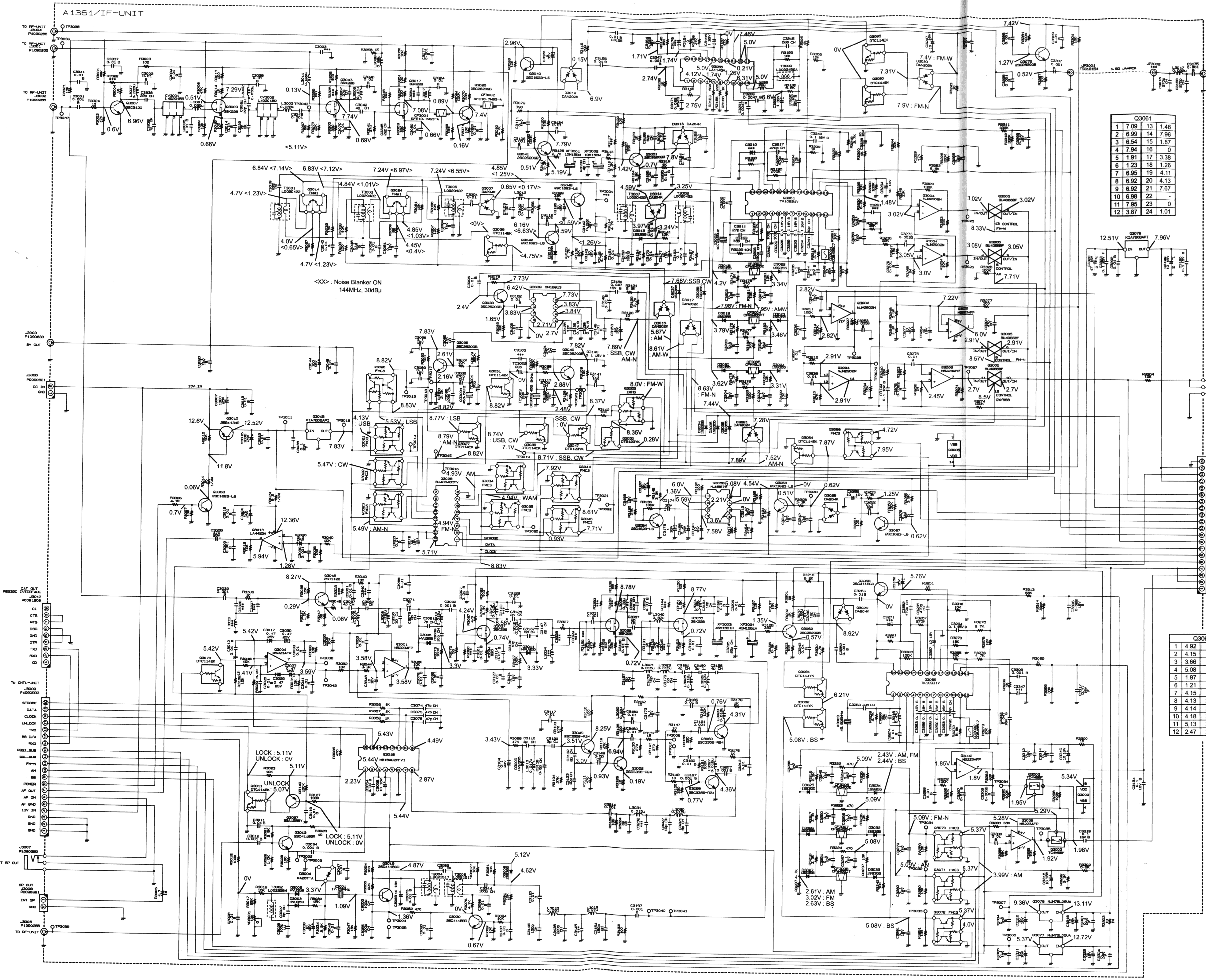


DAN235U TL (M)
(D2001, 2064, 2072, 2073)

DAN202K (N)
(D2071, 2078)



SB40W03T-TL
(D2074)



Q3061			
1	7.09	13	1.48
2	6.99	14	7.96
3	6.54	15	1.87
4	7.94	16	0
5	1.91	17	3.38
6	1.23	18	1.26
7	6.95	19	4.11
8	6.92	20	4.13
9	6.92	21	7.67
10	6.98	22	-
11	7.95	23	0
12	3.87	24	1.01

Q3069			
1	4.92	13	1.41
2	4.15	14	5.18
3	3.66	15	1.0
4	5.08	16	0
5	1.87	17	2.1
6	1.21	18	1.2
7	4.15	19	2.63
8	4.13	20	2.64
9	4.14	21	2.9
10	4.18	22	-
11	5.13	23	-
12	2.47	24	1.0